Index of Claims

| Application/ | Control No. |
|--------------|-------------|
|--------------|-------------|

10/596,335

Examiner

Sikarl A. Witherspoon

Applicant(s)/Patent under Reexamination

DOBLER ET AL.

Art Unit

1621

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| L CIS  | aim      |              |                  | Date                               | )                | ,                          | C            | laim     |  | Date            |  |  | ι[          | Cla            | aim        |          |                     | С        | ate      |          |           |              |
|--|----------|--------------|------------------|------------------------------------|------------------|----------------------------|--------------|----------|--|-----------------|--|--|-------------|----------------|------------|----------|---------------------|----------|----------|----------|-----------|--------------|
|  | <u>m</u> | 3/2/5        |                  |                                    |                  | 1.5                        | t:           | <u></u>  |  |                 |  | ķ.   | 7           |                | <u>m</u>   |          |                     |          |          |          |           |              |
| Final  | Ë        | 2            | 11               | ΙÌ                                 | 1 1              | 22<br>23<br>24<br>24<br>24 | Final        | ij.      |  |                 |  | 4  |             | Final          | Ë          |          |                     | - [      |          |          |           |              |
| ΙĒ   | Original | 67           |                  | 11                                 | 1 1              |                            | ∣હે          | Original |  | - 1 1           |  |  |             | ίΞ             | Original   |          |                     | - [      |          | İ        |           | İ            |
|  |          |              |                  | $\perp$                            |                  | $\perp$                    |              |          |  | _ _             | $\perp \perp$                                    |  | :1          |                |            |          |                     | _        | _        | $\dashv$ | 1         | ↓_           |
|  | 1        | V            |                  | 4-4                                |                  | $\perp \perp$              | <u></u>      | 51       |  |                 |  |  | Ī_          |                | 101        | _ _      | $\sqcup$            | _        | 4        | _ _      | $\bot$    | ↓_           |
|  | 2        | 44           |                  | +                                  | -                | 44                         |              | 52       |  | $\perp$         |  |  | -           |                | 102        | -        | $\vdash$            | -1       | $\dashv$ | +        | +         | ₩            |
|  | 3        | H            |                  |                                    |                  | 44                         | : I——        | 53       |  | +               |  |  | 9           |                | 103        | -        | $\vdash$            |          | +        |          |           | ┼            |
| -  | 4        | H            |                  |                                    |                  | +                          |              | 54       | <del>                                     </del> |                 |  | <b>⊢</b>  ∴                                      | 1           |                | 104<br>105 | +        | $\vdash$            | $\dashv$ | +        |          | +         | ╁            |
|  | 5<br>6   | $\mathbb{H}$ | -                | +                                  | -                |                            |              | 55<br>56 |  |                 |  | ₩.   | 4           |                | 105        |          | $\vdash$            |          | +        |          | ┿         | ┼            |
| -  | 7        | +            | <del>- - -</del> | $\dashv$                           |                  |                            | -            | 57       | <del>                                     </del> |                 |  | Н  | +           |                | 107        |          | $\vdash$            | $\dashv$ | $\dashv$ |          | ╁╌        | ╁            |
| $\vdash$   | 8        | +H           |                  | +                                  | ++               | +                          | <u></u>      | 58       | <del> - - </del>                                 |                 |  |  | -           |                | 108        | +-       | ┨                   |          | -        |          | ╁         | ╁            |
| $\vdash$   | 9        | Н            |                  | +                                  |                  | $++^{\circ}$               | 4            | 59       | <del>                                     </del> | ++              | ++   | H  | 4           |                | 109        | +        | $\vdash$            | $\dashv$ | $\dashv$ |          | ╁         | ╁            |
|  | 10       | +            | ++               | +                                  | ++               | +                          |              | 60       |  | ++              | <del></del>                                      |  | -           | -              | 110        | +        | $\vdash$            | $\dashv$ | $\dashv$ |          | +         | ╁            |
|  | 11       | ++           |                  | +                                  |                  | +                          | 5            | 61       |  |                 | ++-  | <del>     </del> :                               | <b>:</b>  - |                | 111        |          | ╁┈┤                 | -        | +        |          | ╁         | ┼─           |
| $\vdash\vdash$                                   | 12       | H            |                  | +                                  | - - -            | +                          | 9            | 62       | <del>                                     </del> | <del>-  -</del> | +-   | $\vdash$   | <u> </u>  - | -              | 112        | - -      | ┼┼                  | $\dashv$ | $\dashv$ | $\dashv$ | +         | +            |
| $\vdash\vdash$                                   | 13       | ╫┼           | ++               | +                                  | ++               |                            | <b>%</b>     | 63       | <del>       </del>                               | -+-             | ++-  |  | ╟           |                | 113        | +-       | +                   | $\dashv$ | $\dashv$ | $\dashv$ | ╁         | +            |
|  | 14       | H +          |                  | +-                                 |                  | 1                          | -            | 64       | <del>                                     </del> |                 | <del>- - -</del>                                 |  | ╟           |                | 114        |          | +                   | -        | $\dashv$ | $\dashv$ | +         | +            |
| $\vdash$   | 15       | +            |                  | +                                  | <del>- - -</del> | +                          |              | 65       | <del>                                     </del> | ++              | + +  | 136  | i I         | _              | 115        | +        | H                   | $\dashv$ | $\dashv$ | $\dashv$ | +         | +            |
|  | 16       | 1            |                  | ++                                 |                  | 1-1                        |              | 66       |  | $\dashv \dashv$ |  | +  |             | $\neg$         | 116        |          | ╁                   | $\dashv$ | $\dashv$ |          | ╁╴        | +            |
| Н  | 17       | H            | + +              | 11                                 |                  | <del>    .</del> .         |              | 67       | <del>                                     </del> | ++              | <del>                                     </del> | $\Box$   | 1           |                | 117        |          | $\vdash \vdash$     |          | $\dashv$ | +        | $\top$    | $\top$       |
|  | 18       | $\mathbf{H}$ | ++               |                                    | 11               | 11                         |              | 68       | <del>                                     </del> | $\dashv$        | ++-  |  |             |                | 118        |          | $\Box$              | $\neg$   | $\dashv$ | _        | ╁         | +            |
|  | 19       |              |                  | 11                                 |                  |                            | 40           | 69       |  |                 | $\neg \neg$                                      |  |             |                | 119        |          | 1 1                 | $\dashv$ | 寸        | 1        | $\top$    | +            |
|  | 20       |              |                  |                                    |                  |                            |              | 70       |  |                 |  |  | 4           |                | 120        | 1        |                     | 寸        | $\dashv$ | 7        | +         | T            |
|  | 21       |              | -                |                                    |                  | 1                          | 17.          | 71       |  | 11              | $\top$   |  |             |                | 121        |          |                     |          | $\neg$   | $\top$   | 1         |              |
|  | 22       | 1            |                  | $\top$                             |                  |                            | ii ii        | 72       |  |                 |  |  |             |                | 122        | $\neg$   | П                   | 寸        | ┪        | $\top$   | 1         | $\vdash$     |
|  | 23       | 7            |                  |                                    |                  | 11                         |              | 73       |  |                 |  |  | 4           |                | 123        |          |                     |          | 寸        |          | 1         | $\top$       |
|  | 24       | 0            |                  |                                    |                  | $\Box$                     | -            | 74       |  |                 |  |  |             |                | 124        |          |                     |          | T        |          |           |              |
|  | 25       | =            |                  | $\exists \exists$                  |                  |                            | = 4"<br>(14) | 75       |  |                 |  |  |             |                | 125        |          |                     |          | $\neg$   | $\top$   |           | $\top$       |
|  | 26       | $\Box$       |                  |                                    |                  |                            |              | 76       |  |                 |  |  |             |                | 126        |          |                     | $\neg$   | $\neg$   | $\neg$   | T         |              |
|  | 27       |              |                  |                                    |                  | $\prod^{\epsilon}$         |              | 77       |  |                 |  | 6)   |             |                | 127        |          | П                   | 一        | $\neg$   | $\neg$   | Т         |              |
|  | 28       |              |                  |                                    |                  |                            |              | 78       |  |                 |  |  | E           |                | 128        |          |                     |          |          |          |           |              |
|  | 29       |              |                  |                                    |                  |                            |              | 79       |  |                 |  | . 1  | <u>"</u>    |                | 129        |          |                     |          |          |          |           |              |
| $\Box$   | 30       |              |                  | $\perp$                            |                  |                            | L            | 80       |  |                 |  |  | #L          |                | 130        |          |                     |          |          |          |           |              |
|  | 31       |              |                  | $\perp \perp$                      | $\bot \bot \bot$ | Ш.                         | :            | 81       |  |                 |  |  | <u> </u>    |                | 131        |          |                     | _        | _        | $\perp$  | $\perp$   |              |
| igsquare   | 32       |              |                  | $\downarrow \downarrow \downarrow$ | -                |                            |              | 82       |  | _ _             | _ _ _  |  | 4           |                | 132        |          | Ш                   | _        | _        |          | 1_        | $oxed{oxed}$ |
| $\vdash \vdash$                                  | 33       | $\sqcup$     |                  | -                                  | -                | +                          | -            | 83       |  | $\dashv$        | +  | <b>—</b> , Т                                     | ان ا        |                | 133        |          | $\sqcup$            | _        |          |          |           | $\vdash$     |
| $\vdash \vdash$                                  | 34       | 1            | -                | +                                  |                  |                            | -            | 84       | +++  | $\bot$          | +  |  | ä _         | }              | 134        | $\dashv$ | Н                   | _        | $\dashv$ | +        | 4         | ₩            |
| $\vdash \dashv$                                  | 35       | $\dashv$     | +                | +                                  | +                | <del> </del>               | -            | 85       | ╂╌┼╌┼  | $\dashv$        |  | $\vdash$   | -           |                | 135        | $\dashv$ | $\vdash$            | -        | $\dashv$ | - -      | +         |              |
| $\vdash\vdash$                                   | 36       | $\dashv$     | ++               | +                                  | ++               | ₩.                         | 8            | 86       | +++  | ++              |  | <b>-</b>   | -           |                | 136        |          | $\vdash \downarrow$ |          |          | - -      | +         |              |
| <del>                                     </del> | 37<br>38 | -            |                  | $\dashv$                           |                  | +                          | A            | 87       | ╁╌┤╼┤╼┤  |                 |  | - ,  | -           |                | 137        | - -      | $\vdash$            | -        | -        | - -      | +         | $\vdash$     |
| $\vdash \vdash \vdash$                           | 38       |              | +                |                                    |                  | +1                         | :            | 88<br>89 | <del>                                     </del> |                 | ++   |  |             |                | 138<br>139 |          | $\vdash$            | -        | -        | - -      | +         | $\vdash$     |
| $\vdash$   | 40       |              |                  | +                                  | ++               | +                          | * —          | 90       | <del>                                     </del> | ++              | ++   | <del>                                     </del> | H           | -+             | 140        | +        | Н                   | $\dashv$ | +        | +        | +         | $\vdash$     |
| <del>  </del>                                    | 41       | -+           | ++               | +-+                                |                  | <del></del>                | <u> </u>     | 91       | <del>                                     </del> | $\dashv$        |  | 7.2  | . -         | <del>-  </del> | 141        | +        | $\vdash$            | +        | $\dashv$ | +        | +         | $\vdash$     |
| $\vdash \vdash$                                  | 42       | -            | ++               | ++                                 |                  | H                          | 4            | 92       | <del>                                     </del> | ++              |  |  | I-          |                | 142        | $\dashv$ | $\vdash$            | -        | +        | +        | +         | +            |
| $\vdash$   | 43       | $\vdash$     |                  | +++                                |                  | +                          | ÷            | 93       | <del> - - - </del>                               |                 |  |  |             | <del></del> }  | 143        |          | $\vdash$            |          | $\dashv$ | - -      | ╁         | ₩            |
| $\vdash$   | 44       | $\dashv$     | ++               | +-+                                |                  | <del>   </del>             |              | 94       | <del>                                     </del> | +               | ++-  |  | -           |                | 144        | +        | $\vdash$            | $\dashv$ | $\dashv$ | +        | +         | $\vdash$     |
| $\vdash \vdash \vdash$                           | 45       | -            | ++               | ++                                 | +                | $\Box$                     |              | 95       | <del>                                     </del> | +               | ++-  |  | <u> </u>    | -+             | 145        |          | Н                   |          | $\dashv$ | +        | +         | $\vdash$     |
|  | 46       | $\dashv$     | <del>     </del> | ++                                 |                  | +                          | ,            | 96       | <del>                                     </del> | ++              |  | 1.5  | +           |                | 146        |          | 1-1                 |          | +        | +        | +-        | 1-           |
|  | 47       | 十            | ++               | +-+                                |                  | 1                          | - 7          | 97       | <del>                                     </del> |                 |  |  | r           |                | 147        |          | $\vdash$            | 7        | $\dashv$ | $\dashv$ | $\top$    | $\vdash$     |
| $\Box$   | 48       | $\dashv$     | 1                | ++                                 |                  |                            |              | 98       |  | 11              | <del>    -</del>                                 | 144,1  |             | $\neg$         | 148        |          | П                   | $\dashv$ | $\dashv$ | $\top$   | $\top$    | П            |
|  | 49       | $\dashv$     | 11               | ++                                 |                  |                            |              | 99       |  | $\dashv$        |  |  |             | $\neg$         | 149        | 1        | $\Box$              | _        | $\dashv$ | $\top$   | $\dagger$ | П            |
|  | 50       | $\neg$       | $\top$           | $\top$                             | $\neg \neg$      | 5                          |              | 100      |  | $\neg \neg$     |  |  |             |                | 150        |          | П                   | $\neg$   | T        | $\neg$   | $\top$    |              |